

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32	chang\$4 wavelength with traffic\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:14
S3	20	wavelength with traffic\$2 condition\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:26
S8	160	wavelength with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S9	133	wavelength with (day with night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S13	113496	wavelength with (chang\$4 or dynamic\$4 or vari\$6)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:34
S14	33702	wavelength (chang\$4 or dynamic\$4 or vari\$6)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:34
S15	93	wavelength (chang\$4 or dynamic\$4 or vari\$6 or condition\$2) with (day or night or traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:35
S16	11	wavelength (chang\$4 or dynamic\$4 or vari\$6 or condition\$2) near (day or night or traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:35
S17	26	masuda and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:27
S18	2	masuda and forward pump with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:28
S19	25	masuda and forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:29
S20	10	l\$band signal and forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S21	1	l\$band signal with forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S22	16	l\$band with forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S24	8	l\$band and "1480" with forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:56
S29	11	control\$4 forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:11
S30	233	control\$4 with forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:16
S31	35	control\$4 with (forward and backward) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:17

S32	256	control\$4 with (forward\$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S33	12	control\$4 (forward\$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S34	64	control\$4 near2 (forward\$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S35	5	control\$4 near2 (forward\$3) pump with wavelength\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:26
S36	5	control\$4 near2 (forward\$3) pump with (wavelength\$2 or channel\$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:26
S37	38	control\$4 with (forward\$3) pump with (wavelength\$2 or channel\$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:27
S38	22	control\$4 with (forward\$3) pump with (wavelength\$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:27
S39	2	nm and "20040085621"	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:36
S53	77	forward\$4 pump\$4 wavelength control\$4	US-PGPUB; USPAT	WITH	ON	2010/08/04 09:55
S56	47	forward\$4 pump\$4 with wavelength with control\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:57
S57	17	forward\$4 pump\$4 with wavelength with control\$4 and @ad<= "20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:58
S58	398	pump\$4 wavelength with control\$4 and @ad<= "20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:59
S59	90	pump\$4 wavelength control \$4 and @ad<= "20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:59
S60	30	pump\$4 wavelength control \$4 and @ad<= "20040623" and forward	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:00
S61	18	pump\$4 wavelength control \$4 and @ad<= "20040623" and forward with pump	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:00
S62	21	pump\$4 wavelength control \$4 and @ad<= "20040623" and forward with pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S63	21	pump\$4 wavelength control \$4 and @ad<= "20040623" and forward with \$4pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S64	21	pump\$4 wavelength control \$4 and @ad<= "20040623" and forward with \$6pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S65	21	pump\$4 wavelength control \$4 and @ad<= "20040623" and forward with \$8pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01

S66	6	("20020054733"   "6292288").PN. OR ("6674568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/04 10:14
S67	18	("5136600"   "5313480").PN. OR ("5684590").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/04 10:18
S69	141	variable wavelength near2 pump\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:20
S71	114	variable wavelength near pump\$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:21
S73	4	variable wavelength near pump\$4 and @ad<="20040623" and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:21
S74	15	var\$7 wavelength near pump \$4 and @ad<="20040623" and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:23
S75	58	forward pump\$4 and "1440"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:43
S76	2	forward pump\$4 with "1440"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:43
S80	49	forward pump and wavelength with "120"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 11:01
S81	8	forward pump and wavelength with "120 nm"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 11:02
S102	2013	zero dispersion near2 wavelength\$2	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S103	1898	zero dispersion wavelength \$2	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S104	204	zero dispersion wavelength \$2 nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S105	1044	zero dispersion wavelength \$2 with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S106	62	zero dispersion wavelength \$2 with silica with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S107	20	zero dispersion wavelength \$2 with silica fib\$5 with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S108	4	zero dispersion wavelength \$2 with silica fib\$5 with nm and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:44
S112	192	non-zero dispersion-shifted fiber	US-PGPUB; USPAT	NEAR	ON	2010/08/04 18:14
S113	186	non-zero dispersion-shifted fiber	US-PGPUB; USPAT	ADJ	ON	2010/08/04 18:14
S115	20	non-zero dispersion-shifted fiber and forward pump\$4	US-PGPUB; USPAT	ADJ	ON	2010/08/04 18:14

S130	14	(non\$zero dispersion shift\$4 fiber or nzdf) and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:50
S131	64	(non\$zero dispersion shift\$4 fiber or nzdf) and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:50
S132	69	(non\$zero dispersion shift\$4 fiber or nzdsf) and forward pump\$3	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:54
S148	27	dynamic wavelength allocation	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:16
S149	1274	dynamic bandwidth allocation	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S154	126	dynamic bandwidth allocation with (traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:20
S155	30	dynamic bandwidth allocation with (traffic) with time	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:20
S172	12	(EDFA near2 gain equaliz\$7n filter)	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S173	17	(EDFA near2 gain equaliz\$7 filter)	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S175	1310	(erbium-dop\$4 fib\$2 amplif \$4 or edfa) with filter\$4	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:16
S176	434	(erbium-dop\$4 fib\$2 amplif \$4 or edfa) with (filter\$4 and (population inversion detect \$4 or monitor\$4 or control \$4))	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:17

**EAST Search History (Interference)**

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